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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/745,978	12/22/2000	Mohanasundaram Chinnappan	020431.0753	8477
53184	7590	09/30/2005	EXAMINER	
i2 TECHNOLOGIES US, INC. ONE i2 PLACE, 11701 LUNA ROAD DALLAS, TX 75234			LUGO, CARLOS	
		ART UNIT		PAPER NUMBER
				3676

DATE MAILED: 09/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/745,978	CHINNAPPAN ET AL.
Examiner	Art Unit	
Carlos Lugo	3676	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 08 July 2005.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-28 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 08 September 2003 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

1. This Office Action is in response to applicant's amendment filed on July 8, 2005.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1-28 are rejected** under 35 U.S.C. 103(a) as being unpatentable over US Pat No 6,460,038 to Khan et al (Khan) in view of US Pat No 5,946,665 to Suzuki et al (Suzuki).

Regarding claims 1,11 and 20, Khan discloses a global content directory comprising a directory structure (either one of "My Private Bookmarks", "My Group Bookmarks" and "My Public Bookmarks", Figure 10) comprising a plurality of product classes (travel, shopping, etc.) organized in a hierarchy.

Each product class categorizes a plurality of products (1002a-c) and defines one or more attributes of the products categorized in the product class.

Each product class is associated to a pointer identifying a seller database (each store, i.e., "discovery tours", "Gap", etc.). Each pointer is different from the other seller's pointers. Also, each pointer includes product data enabling a product transaction.

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However, Khan fails to disclose the use of a search interface operable to communicate a search query for product data to one or more seller databases identified by the one or more pointers associated with the selected product class.

Suzuki teaches that it is well known in the art the use of a search interface (2) operable to communicate a search query for product data to one or more seller databases.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have a search interface, as taught by Suzuki, into a global directory as described by Khan, in order to search the different databases.

As to claims 2,12 and 21, Kahn discloses the use of an access protocol (A protocol is a set of conventions governing the treatment and especially the formatting of data in an electronic communications system, therefore, in order to operate the search format, the website must have an access protocol to operate).

As to claims 3,13 and 22, Kahn discloses that the directory structure is distributed between pluralities of computers (at least the "Public Bookmarks" directory is capable of being used by different users at the same time).

As to claims 4,14 and 23, Kahn discloses the use of the Internet.

As to claim 5, Kahn illustrates that the global content directory further includes one or more additional directory structure (Figure 10).

As to claims 6,15 and 24, Kahn discloses the use of a structured query language. A query language provides a means of retrieving records or parts of records and performing various calculations before displaying the results. Therefore, when a

person is searching for something in particular, query language will retrieve records or parts of records and performing various calculations before displaying the results.

As to claims 7,16 and 25, Kahn, as modified by Suzuki, discloses that the search query includes one or more attributes of the class selected by the user.

As to claims 8,17 and 26, Kahn, as modified by Suzuki, discloses that the search query includes values for one or more desired product feature specified by the user.

As to claims 9,18 and 27, Kahn, as modified by Suzuki, discloses that the search interface is operable to receive search results from one or more seller databases in response to the search query.

As to claims 10,19 and 28, Kahn, as modified by Suzuki, discloses that the directory receives a selection from the user of a product data from the search and in response the user will get information of the seller and the product.

***Response to Arguments***

4. Applicant's arguments filed on July 8, 2005 have been fully considered but they are not persuasive.

Regarding applicant's arguments that Khan fails to disclose, teach, or suggest a plurality of seller databases, a plurality of distributed seller databases, and more specifically each pointer identifying the seller database in the distributed plurality of seller databases in which product data enabling a product transaction is stored for products associated with the product class, the seller database identified by the pointer being associated with its corresponding seller and being distinct from the other seller databases in the distributed plurality of seller databases (Page 10 Line

4), Khan clearly discloses and illustrate the limitations presented in the claims (Figure 10).

As to applicant's arguments that Suzuki fails to discloses a global content directory (Page 11 Line 11), Suzuki is only used to show that it is well known in the art the use of a search interface operable to communicate a search query for product data to one or more seller databases.

***Conclusion***

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos Lugo whose telephone number 571-272-7058. The examiner can normally be reached on 9-6pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Glessner can be reached on 571-272-6843. The fax phone number

for the organization where this application or proceeding is assigned is 571-272-7049.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-5771.

C.C.

Carlos Lugo  
AU 3676

September 23, 2005

  
**BRIAN E. GLESSNER**  
**PRIMARY EXAMINER**